

CLAIMS

1. A connector shell for a connector component of a connector arrangement for a wire cable comprising:

5 a housing;

the housing being provided with at least one first guiding element having an axis for guiding the housing along a second guiding element of a mating connector component of the connector arrangement upon coupling with the mating connector component; and

10 at least one fastening element associated to the at least one first guiding element and substantially aligned with the axis of the at least one first guiding element for engagement with the second guiding element of the mating connector component.

- 15 2. The connector shell according to claim 1, wherein the fastening element is secured to at least one of the housing and the at least one first guiding element of the housing.

- 20 3. Connector shell according to claims 1 or 2, wherein the fastening element extends through a passageway formed in a portion of the at least one first guiding element of the housing for engagement with the second guiding element of the mating connector component.

- 25 4. Connector shell according claim 3, wherein the passageway is axially aligned with the at least one first guiding element.

- 30 5. Connector shell according to any one of claims 1 to 4, wherein the fastener element is a screw.

6. Connector shell according to claim 5, wherein the screw comprises an operating end for manually screwing the screw to the guiding element of the mating connector component.

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7. Connector shell according to any one of claims 1 to 6, wherein the fastening element comprises a shaft extending through a passageway formed in a portion of the at least one first guiding element of the housing, the shaft comprising a head and a thickened portion both located outside of and adjacent to opposite ends of the passageway.

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8. Connector shell according to claim 7, wherein the fastening element is axially movable within the passageway by a distance defined by the abutment of each of the head and the thickened portion of the fastening element to the respective opposite ends of the passageway.

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9. Connector shell according to any one of claims 1 to 8, wherein the at least one first guiding element comprising a receiving channel for receiving the second guiding element of the mating connector component.

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10. Connector shell according to claim 9 and any one of claims 3 to 8, wherein the receiving channel comprises a receiving opening and an end arranged opposite thereto and through which the passageway for the fastening element extends.

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11. Connector shell according to any one of claims 1 to 10, wherein the housing comprises two first guiding elements at opposite sides

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of the housing and wherein to each first guiding element a fastening element is associated.

- 5 12. Connector shell according to any one of claims 1 to 11, wherein the second guiding element of the mating connector component comprises a receiving portion for receiving a portion of the at least one first guiding element for fastening the housing to the second guiding element of the mating connector component.
- 10 13. Connector shell according to claims 12, wherein the receiving portion comprises a receiving bore.
14. Connector shell according to claim 13, wherein the receiving bore comprises a thread.
- 15 15. Connector shell according to claim 12, wherein the receiving portion comprises a receiving pin.
- 20 16. A connector shell according to claim 15, wherein the receiving pin comprises a thread.
17. The connector shell according to any of claims 1 to 16, further comprising at least one electrical contact element to be connected to a wire of the cable.
- 25 18. A mating connector component for connecting to the connector shell of any one of the preceding claims, comprising at least one second guiding element along which the at least one first guiding element of the housing of the connector shell is guidable, the

second guiding element comprising a receiving portion for receiving a portion of the fastener element of the connecting shell.

5 19. The connector component according to claim 18, wherein the receiving portion comprises a receiving bore.

20. The connector component according to claim 19, wherein the receiving bore comprises a thread.

10 21. The connector component according to claim 18, wherein the receiving portion comprises a receiving pin.

22. The connector component according to claim 21, wherein the receiving pin comprises a thread.

15 23. The connector component according to any one of claims 18 to 22, further comprising a housing and/or a face plate, in particular a backplane to which the at least one second guiding element is attached or attachable.

20 24. The connector component according to any one of claims 1 to 23, further comprising at least one electrical contact element to be electrically connected to a contact element of the connector shell.

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